

| L Number | Hits  | Search Text   | DB         | Time stamp       |
|----------|-------|---|------------|------------------|
| -        | 49    | ((("5984045") or ("6662642") or ("4992989") or ("4298088") or ("4787407") or ("5004038") or ("5279282") or ("6010316") or ("5787924") or ("6247905") or ("4402382") or ("4283779") or ("4314365") or ("4598406") or ("4617796") or ("4775027") or ("5445517") or ("5917193") or ("6210128") or ("6210128") or ("6234765") or ("4246979") or ("4271925") or ("4276913") or ("4294328") or ("4296827") or ("4346779") or ("4347900") or ("4360922") or ("4378850") or ("4408676") or ("4463362") or ("4474250") or ("4479433") or ("4497388") or ("4512371") or ("4577723") or ("4760819") or ("4762487") or ("4798261") or ("4834210") or ("4863372") or ("4923374") or ("4934925") or ("4938067") or ("4995365") or ("5015995") or ("5020977") or ("5027644") or ("5195509")).PN. | USPAT; EPO | 2004/09/21 09:56 |
| -        | 0     | ((381.71.4).ccls)   | USPAT; EPO | 2004/03/15 12:08 |
| -        | 0     | ((381.71.4).ccls.)  | USPAT; EPO | 2004/09/18 15:06 |
| -        | 0     | ((381./71.4).ccls.)   | USPAT; EPO | 2004/03/15 12:09 |
| -        | 0     | ((381./71.4).ccls)  | USPAT; EPO | 2004/03/15 12:09 |
| -        | 143   | ((381/71.4).ccls)   | USPAT; EPO | 2004/09/18 15:41 |
| -        | 18344 | exhaust\$4 same intak\$4 same valve   | USPAT; EPO | 2004/03/15 14:06 |
| -        | 1833  | (exhaust\$4 same intak\$4 same valve) same detect\$4 same sens\$4   | USPAT; EPO | 2004/03/15 14:07 |
| -        | 1833  | ((exhaust\$4 same intak\$4 same valve) same detect\$4 same sens\$4)   | USPAT; EPO | 2004/03/16 11:07 |
| -        | 298   | ((exhaust\$4 same intak\$4 same valve) same detect\$4 same sens\$4) same (vehicle or car)   | USPAT; EPO | 2004/03/15 14:08 |
| -        | 0     | ((exhaust\$4 same intak\$4 same valve) same detect\$4 same sens\$4) same (vehicle or car) same acoustic   | USPAT; EPO | 2004/03/15 14:09 |
| -        | 290   | ((exhaust\$4 same intak\$4 same valve) same detect\$4 same sens\$4) same (vehicle or car) same engin\$4   | USPAT; EPO | 2004/03/15 16:51 |
| -        | 1     | ((exhaust\$4 same intak\$4 same valve) same detect\$4 same sens\$4) same (vehicle or car) same engin\$4 same (valve adj seat)   | USPAT; EPO | 2004/03/15 16:52 |
| -        | 0     | 711/217.ccls  | USPAT; EPO | 2004/03/15 17:00 |
| -        | 151   | ((711/217).ccls.) and address and transfer  | USPAT; EPO | 2004/03/16 12:47 |
| -        | 208   | ((711/220).ccls.) and address and transfer  | USPAT; EPO | 2004/03/16 09:11 |
| -        | 160   | ((711/220).ccls.) and address and transfer and size   | USPAT; EPO | 2004/03/16 09:11 |
| -        | 14    | ((exhaust\$4 same intak\$4 same (valve adj seat)) same detect\$4 same sens\$4)  | USPAT; EPO | 2004/03/16 10:52 |
| -        | 14    | ((exhaust\$4 same intak\$4 same (valve adj seat)) same detect\$4 same sens\$4)  | USPAT; EPO | 2004/03/16 10:53 |
| -        | 926   | ((exhaust\$4 and intak\$4 and (valve adj seat)) and detect\$4 and sens\$4)  | USPAT; EPO | 2004/03/16 11:08 |
| -        | 2     | ((exhaust\$4 and intak\$4 and (valve adj seat)) and detect\$4 and sens\$4) and speaker  | USPAT; EPO | 2004/03/16 11:09 |
| -        | 2     | ((exhaust\$4 and intak\$4 and (valve adj seat)) and detect\$4 and sens\$4 and speaker)  | USPAT; EPO | 2004/03/16 11:10 |
| -        | 47511 | (valve adj seat)  | USPAT; EPO | 2004/03/16 11:10 |
| -        | 1898  | (valve adj seat) same ((exhaust or intake) adj valve)   | USPAT; EPO | 2004/03/16 12:11 |
| -        | 1898  | (valve adj seat) same ((exhaust or intake) adj valve) same (valve adj seat)   | USPAT; EPO | 2004/03/16 11:12 |
| -        | 1898  | ((valve adj seat) same ((exhaust or intake) adj valve) same (valve adj seat))   | USPAT; EPO | 2004/03/16 11:13 |
| -        | 0     | ((valve adj seat) same ((exhaust or intake) adj valve) same (valve adj seat)) same acoustic   | USPAT; EPO | 2004/03/16 11:14 |
| -        | 0     | ((valve adj seat) same ((exhaust or intake) adj valve) same acoustic)   | USPAT; EPO | 2004/03/16 11:14 |
| -        | 7     | ((valve adj seat) same ((exhaust or intake) adj valve) same (sound or speaker))   | USPAT; EPO | 2004/03/16 11:28 |
| -        | 7     | ((valve adj seat) same ((exhaust or intake) adj valve) same (sound or speaker or acoustic))   | USPAT; EPO | 2004/03/16 13:31 |
| -        | 3     | (valve adj seat) and ((381/\$).ccls.)   | USPAT; EPO | 2004/03/16 12:14 |

|   |       |  |            |                  |
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| - | 126   | (valve adj seat) and ((181/\$).ccls.)  | USPAT; EPO | 2004/03/16 12:17 |
| - | 7     | (sound or acoustic) and (sensor) and (valve adj seat) and ((181/\$).ccls.)   | USPAT; EPO | 2004/03/16 12:17 |
| - | 127   | ((711/217).ccls.) and address and transfer and specifi\$4  | USPAT; EPO | 2004/03/16 12:55 |
| - | 0     | ((711/222).ccls.) and address and transfer and specifi\$4  | USPAT; EPO | 2004/03/16 12:55 |
| - | 188   | ((711/220).ccls.) and address and transfer and specifi\$4  | USPAT; EPO | 2004/03/16 12:55 |
| - | 139   | ((181/206).ccls.)  | USPAT; EPO | 2004/03/16 13:55 |
| - | 289   | ((181/224).ccls.)  | USPAT; EPO | 2004/03/16 13:55 |
| - | 2     | ((181/224).ccls.) and (valve adj seat)   | USPAT; EPO | 2004/03/16 13:55 |
| - | 1     | ("6629111").PN.  | USPAT; EPO | 2004/03/17 09:42 |
| - | 48    | ((compa\$5 same ((data or memory) with size)) same (greater or smaller)) same fit\$4   | USPAT; EPO | 2004/03/17 09:44 |
| - | 2     | ((("5748748") or ("5850458"))).PN.   | USPAT; EPO | 2004/03/17 15:01 |
| - | 0     | ((("US5999630A") or ("US5872851A") or ("US5400405A") or ("US5208493A") or ("US5018205A") or ("US4831652A") or ("US4817149A") or ("US4739514A") or ("US4191852A") or ("US4177356A") or ("US3970787A"))).PN.   | USPAT; EPO | 2004/03/18 16:18 |
| - | 0     | ((("US5999630") or ("US5872851") or ("US5400405") or ("US5208493") or ("US5018205") or ("US4831652") or ("US4817149") or ("US4739514") or ("US4191852") or ("US4177356") or ("US3970787"))).PN.  | USPAT; EPO | 2004/03/18 16:19 |
| - | 11    | ((("5999630") or ("5872851") or ("5400405") or ("5208493") or ("5018205") or ("4831652") or ("4817149") or ("4739514") or ("4191852") or ("4177356") or ("3970787"))).PN.  | USPAT; EPO | 2004/03/18 16:19 |
| - | 307   | ((711/217).ccls.)  | USPAT; EPO | 2004/03/18 16:34 |
| - | 1     | "6704833"  | USPAT; EPO | 2004/03/19 09:07 |
| - | 1     | "6556952".PN.  | USPAT      | 2004/03/19 09:07 |
| - | 1     | "6502170".PN.  | USPAT      | 2004/03/19 09:08 |
| - | 1     | "6189077".PN.  | USPAT      | 2004/03/19 09:09 |
| - | 15    | "5623621"  | USPAT; EPO | 2004/03/19 15:21 |
| - | 49    | ((("5984045") or ("6662642") or ("6758089") or ("4992989") or ("4298088") or ("4787407") or ("5004038") or ("5279282") or ("6010316") or ("5787924") or ("6247905") or ("4402382") or ("4283779") or ("4314365") or ("4598406") or ("4617796") or ("4775027") or ("5445517") or ("5917193") or ("6210128") or ("6210128") or ("6234765") or ("4246979") or ("4271925") or ("4276913") or ("4294328") or ("4296827") or ("4346779") or ("4347900") or ("4360922") or ("4378850") or ("4408676") or ("4463362") or ("4474250") or ("4479433") or ("4497388") or ("4512371") or ("4577723") or ("4760819") or ("4762487") or ("4798261") or ("4834210") or ("4863372") or ("4923374") or ("4934925") or ("4938067") or ("4995365") or ("5015995") or ("5020977") or ("5027644"))).PN. | USPAT; EPO | 2004/09/18 14:54 |
| - | 78    | ((381/71.4).ccls.)   | USPAT; EPO | 2004/09/18 15:35 |
| - | 74785 | acoustic   | USPAT; EPO | 2004/09/18 15:35 |
| - | 12594 | acoustic adj wave  | USPAT; EPO | 2004/09/18 15:35 |
| - | 94250 | (acoustic adj wave) or (microphone or (speaker or loudspeaker))  | USPAT; EPO | 2004/09/18 15:37 |
| - | 12668 | (acoustic adj wave) or (microphone or (speaker or loudspeaker)) same manifold  | USPAT; EPO | 2004/09/18 15:37 |
| - | 12595 | (acoustic adj wave) or (microphone or (speaker or loudspeaker)) same manifold same (vehicle adj engine)  | USPAT; EPO | 2004/09/18 15:39 |
| - | 1469  | ((acoustic adj wave) adj (generat\$4 or sens\$4)) or (microphone or (speaker or loudspeaker)) same manifold same (vehicle adj engine)  | USPAT; EPO | 2004/09/18 15:40 |
| - | 0     | ((acoustic adj wave) adj (generat\$4 or sens\$4)) same manifold same (vehicle adj engine)  | USPAT; EPO | 2004/09/18 15:40 |

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|---|------|--|------------|------------------|
| - | 1048 | ((381/86).ccls)                                  | USPAT; EPO | 2004/09/20 10:41 |
| - | 1    | ("6702061").PN.                                  | USPAT; EPO | 2004/09/18 15:46 |
| - | 1    | ("6363156").PN.                                  | USPAT; EPO | 2004/09/18 15:46 |
| - | 1    | ("6702061").PN.                                  | USPAT; EPO | 2004/09/20 10:42 |
| - | 1    | "6381337".PN.                                    | USPAT      | 2004/09/20 10:42 |
| - | 1    | "6118878".PN.                                    | USPAT      | 2004/09/20 10:42 |
| - | 1    | "6084971".PN.                                    | USPAT      | 2004/09/20 10:42 |
| - | 1    | "6072880".PN.                                    | USPAT      | 2004/09/20 10:44 |
| - | 1    | "5828759".PN.                                    | USPAT      | 2004/09/20 10:45 |
| - | 1    | "5808243".PN.                                    | USPAT      | 2004/09/20 10:46 |
| - | 1    | "5693918".PN.                                    | USPAT      | 2004/09/20 10:47 |
| - | 1    | "5647314".PN.                                    | USPAT      | 2004/09/20 10:47 |
| - | 1    | "5587563".PN.                                    | USPAT      | 2004/09/20 10:48 |
| - | 1    | "5550334".PN.                                    | USPAT      | 2004/09/20 10:48 |
| - | 1    | "5541373".PN.                                    | USPAT      | 2004/09/20 10:48 |
| - | 1    | "5513266".PN.                                    | USPAT      | 2004/09/20 10:49 |
| - | 1    | "5457749".PN.                                    | USPAT      | 2004/09/20 10:49 |
| - | 1    | "5455869".PN.                                    | USPAT      | 2004/09/20 10:49 |
| - | 1    | "5446790".PN.                                    | USPAT      | 2004/09/20 10:50 |
| - | 1    | "5446249".PN.                                    | USPAT      | 2004/09/20 10:51 |
| - | 1    | "5432857".PN.                                    | USPAT      | 2004/09/20 10:51 |
| - | 1    | "5426705".PN.                                    | USPAT      | 2004/09/20 10:51 |
| - | 1    | "5426703".PN.                                    | USPAT      | 2004/09/20 10:55 |
| - | 1    | "5336856".PN.                                    | USPAT      | 2004/09/20 10:55 |
| - | 1    | "5319165".PN.                                    | USPAT      | 2004/09/20 10:57 |
| - | 1    | "5229556".PN.                                    | USPAT      | 2004/09/20 10:57 |
| - | 1    | "5170019".PN.                                    | USPAT      | 2004/09/20 10:57 |
| - | 1    | "4966252".PN.                                    | USPAT      | 2004/09/20 10:57 |
| - | 1    | "4947434".PN.                                    | USPAT      | 2004/09/20 10:57 |
| - | 1    | "4876722".PN.                                    | USPAT      | 2004/09/20 10:58 |
| - | 1    | "4817164".PN.                                    | USPAT      | 2004/09/20 10:58 |
| - | 1    | "4665549".PN.                                    | USPAT      | 2004/09/20 10:58 |
| - | 1    | "4607145".PN.                                    | USPAT      | 2004/09/20 10:59 |
| - | 1    | "4600077".PN.                                    | USPAT      | 2004/09/20 10:59 |
| - | 1    | "4410065".PN.                                    | USPAT      | 2004/09/20 10:59 |
| - | 1    | "3936606".PN.                                    | USPAT      | 2004/09/20 10:59 |
| - | 1    | "2232380".PN.                                    | USPAT      | 2004/09/20 11:00 |
| - | 1    | ("5850458").PN.                                  | USPAT; EPO | 2004/09/20 11:51 |
| - | 1    | "5502869".PN.                                    | USPAT      | 2004/09/20 11:51 |
| - | 1    | "5485523".PN.                                    | USPAT      | 2004/09/20 11:51 |
| - | 1    | "5446790".PN.                                    | USPAT      | 2004/09/20 11:52 |
| - | 1    | "5426705".PN.                                    | USPAT      | 2004/09/20 11:52 |
| - | 1    | "5410605".PN.                                    | USPAT      | 2004/09/20 11:53 |
| - | 1    | "5384853".PN.                                    | USPAT      | 2004/09/20 11:53 |
| - | 1    | "5337365".PN.                                    | USPAT      | 2004/09/20 11:53 |
| - | 1    | "5325437".PN.                                    | USPAT      | 2004/09/20 11:54 |
| - | 1    | "5245664".PN.                                    | USPAT      | 2004/09/20 11:54 |
| - | 1    | "5222148".PN.                                    | USPAT      | 2004/09/20 11:54 |
| - | 1    | "5221185".PN.                                    | USPAT      | 2004/09/20 11:55 |
| - | 1    | "5111507".PN.                                    | USPAT      | 2004/09/20 11:55 |
| - | 1    | "5063598".PN.                                    | USPAT      | 2004/09/20 11:55 |
| - | 1    | "5018202".PN.                                    | USPAT      | 2004/09/20 11:58 |
| - | 1    | "4805733".PN.                                    | USPAT      | 2004/09/20 11:58 |
| - | 1    | "4783817".PN.                                    | USPAT      | 2004/09/20 11:59 |
| - | 667  | condenser adj microphone                         | USPAT; EPO | 2004/09/21 09:57 |
| - | 125  | condenser adj microphone same sens\$4            | USPAT; EPO | 2004/09/21 09:57 |
| - | 1    | condenser adj microphone same sens\$4 same valve | USPAT; EPO | 2004/09/21 09:58 |